



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 02/08/00

AGENDA ITEM 2

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: The 24-Inch Aqueduct Relocation at Niles Canyon – Approval of Plans and Specifications, Call for Bids, and Approval of Reimbursement Agreement

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that:

1. Approves the plans and specifications for the 24-Inch Aqueduct Relocation at Niles Canyon and call for bids to be received on March 14, 2000; and
2. Authorizes the execution of a reimbursement agreement with Alameda County Transportation Authority (ACTA) for a portion of the work.

BACKGROUND:

The City of Hayward's water source is the City of San Francisco's Hetch-Hetchy water system. Two aqueducts, referred to as the 24-inch and the 42-inch aqueducts, convey this source of water to Hayward's service area. The 24-inch aqueduct begins at Mission Boulevard in the City of Fremont and travels northwesterly along Mission Boulevard to Hayward. Caltrans, in conjunction with ACTA, is proceeding with the design of the Measure B project to widen a portion of Mission Boulevard (State Route 238) in the area of Niles Canyon in Fremont. Mission Boulevard became a state route in 1909, predating the 24-inch aqueduct construction. In accordance with state law, this serves as the basis for ACTA and Caltrans to direct utility relocations, at the utility owner's cost, whenever conflicts occur with roadway alteration. Consequently, the City of Hayward Water System must pay the cost of the necessary relocation work. The portion of the aqueduct being affected begins near Mowry Avenue, then continues north across Alameda Creek to about 500 feet north of Niles Canyon Railroad. The total distance is approximately 1,900 meters (6,200 feet), of which about one-half will require relocation and/or structural encasement.

Some 204 meters (670 feet) of pipeline to be relocated is presently outside of the existing State rights-of-way (vicinity of Western Union Railroad). The City currently owns a separate easement in this area. Thus, ACTA must pay for the portion of the diverted relocation in these areas. The cost of the relocation will be reimbursed to the City based on a standard

reimbursement agreement being developed with ACTA staff. The estimated construction cost for this portion of the work is \$240,000.

DISCUSSION:

Mission Boulevard, in the Fremont area, experiences extremely heavy traffic during normal business hours. Therefore, construction activities will be restricted to weeknights and weekends, at higher cost, in order to minimize any interruption. An Encroachment Permit is being obtained from Caltrans for this project.

Staff has established a combined goal of 5 percent for Disadvantaged Business Enterprises (DBE) and Women Owned Business Enterprise (WBE) participation for this project. Because this underground piping work is a highly specialized type of construction work, subcontracting for this project is limited to traffic control, and trucking the excavated material and backfill. The combined goal is limited due to the lack of available subcontracting opportunities. In order to meet the goal, approximately 70% of the subcontracting work will have to go to DBE/WBE owned businesses. The 5% combined goal is the same as was established for the recently completed \$2,000,000 Tennyson Road sewer interceptor project; another example of highly specialized pipeline work. In that case, the successful contractor was able to provide 5.1% DBE/WBE participation.

Environmental Review:

The pipeline project is categorically exempt from environmental review under the California Environmental Quality Act (CEQA) Guidelines related to the replacement or repair of an existing pipeline less than a mile in length.

PROJECT COST:

Design & Survey	\$162,000
Construction (Niles Canyon)	\$950,000
Construction at Dry Creek (Completed in 1998)	\$150,000
Inspection & Administration	\$80,000
Total:	<u>\$1,342,000</u>

FUNDING:

A total of \$1,100,000 has been appropriated for this project in the Water System Replacement Fund in the 1999/00 Capital Improvement Program. An additional appropriation will be requested at the time of the award when specific bid amounts are known. Sufficient monies are available within the Fund for this purpose. As noted above, ACTA will reimburse the City approximately \$240,000.

SCHEDULE:

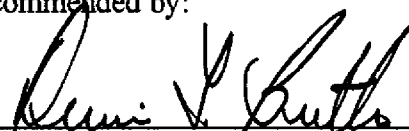
The following tentative project schedule has been developed for this project:

Advertise for bids	February 10, 2000
Open Bids	March 14, 2000
Award Construction Contract	April 4, 2000
Begin Construction	May, 2000
Construction Completion	September, 2000

Prepared by:


Alex Ameri, Deputy Director of Public Works

Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:

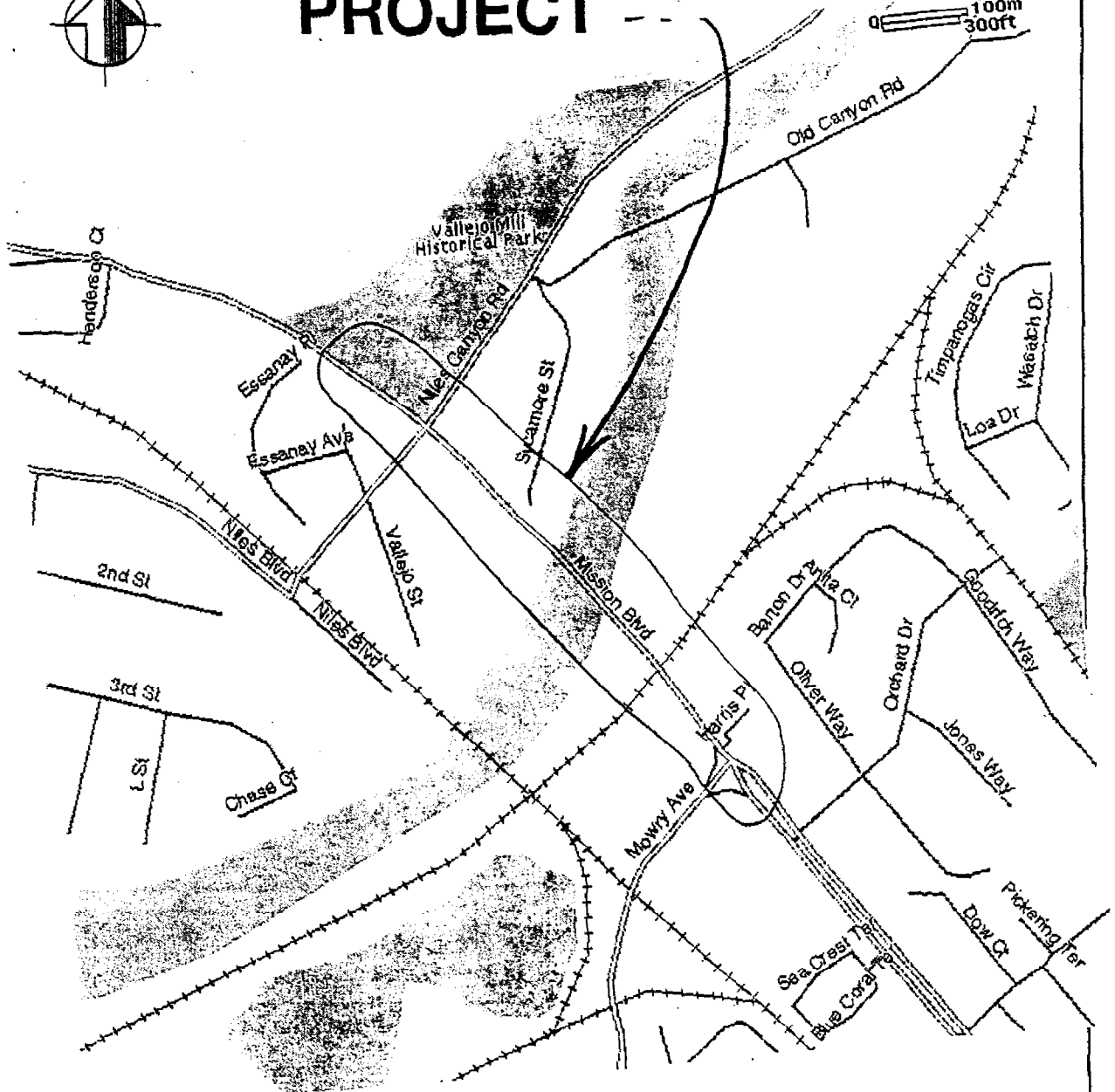

Jesús Armas, City Manager

Attachment: Exhibit A: Project Location Map



PROJECT

100m
300ft



PROJECT LOCATION MAP

N.T.S.

THE 24-INCH AQUEDUCT RELOCATION AT NILES CANYON

PROJECT NO. 623-7154

EXHIBIT A

DRAFT

Sm 2-2-00

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR THE 24-INCH AQUEDUCT RELOCATION AT NILES CANYON PROJECT, PROJECT NO. 7154, CALL FOR BIDS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE A REIMBURSEMENT AGREEMENT

BE IT RESOLVED by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for the 24-inch Aqueduct Relocation at Niles Canyon Project, Project No. 7154, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project;
2. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 B Street, Hayward, California 94541, up to the hour of 2:00 p.m. on Tuesday, March 14, 2000, and immediately thereafter publicly opened and declared by the City Clerk in the Public Works Conference Room, 4D, City Hall, Hayward, California;
3. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same; and
4. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law.

BE IT FURTHER RESOLVED, that the City Manager is authorized and directed to execute by and on behalf of the City of Hayward a reimbursement agreement with Alameda County Transportation Authority (ACTA) for a portion of the work.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward